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A person in a dark room, possibly a theater or concert hall, is holding a smartphone up to take a photo or video. The person is in the foreground, slightly out of focus. In the background, a blurred audience is visible, suggesting a public event. The lighting is dim, with a blue light source visible in the background.

Know your audience
or have no audience.

A photograph of two young children, a boy and a girl, sitting on a bed with white linens. They are both looking down at tablets they are holding. The boy, on the left, has short brown hair and is wearing a black long-sleeved shirt. The girl, on the right, has curly blonde hair and is wearing a grey long-sleeved shirt. The background is a plain, light-colored wall. The text 'Generation Z' is overlaid on the image in a teal box.

Generation Z

Born between 1995 - 2009

the connected generation



**They have never had to
adapt to a digital way.**



Mobile first

Mobile only

generation

EFFECTIVE ENGAGEMENT

X

Verbal
Sit & listen
Teacher
Job security
Authoritarian
Curriculum centred
Closed book exams
Books & paper
Doer

Visual
Try & see
Facilitator
Flexibility
Participative
Learner centric
Open book world
Glass & devices
Co-creator

Z

UNI DEGREES

1 in 4

X

1 in 3

Y

1 in 2*

Z

TOP EMOJIS



MOBILITY

18
jobs

6
careers

15
homes

IN A
LIFE-TIME*

CHANGING

GENERATIONS



2,800,000

Gen Alphas
born globally
each week

CHARACTERISTICS



Global



Digital



Social



Mobile



Visual

TOP BABY NAMES

Oliver	1	Charlotte
Jack	2	Olivia
William	3	Ava
Noah	4	Amelia
Henry	5	Mia

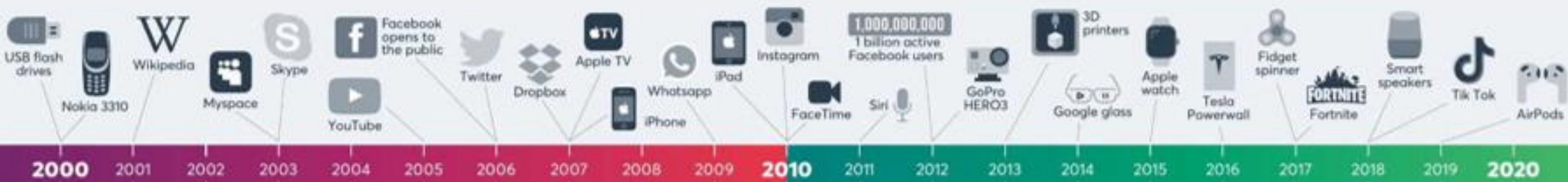
WORKFORCE OF 2030

X 23%

Y 32%

Z 34%

α 11%





Mia and Noah

enrolled in September

Go to www.menti.com and use the code 2429 1359

What 3 skills do you feel are most important for our learners when entering employment?

 Mentimeter



WHO ARE THEY TO YOU?

MILLENNIALS

Tech Savvy: 2 screens at once

Communicate with text

Curators and Sharers

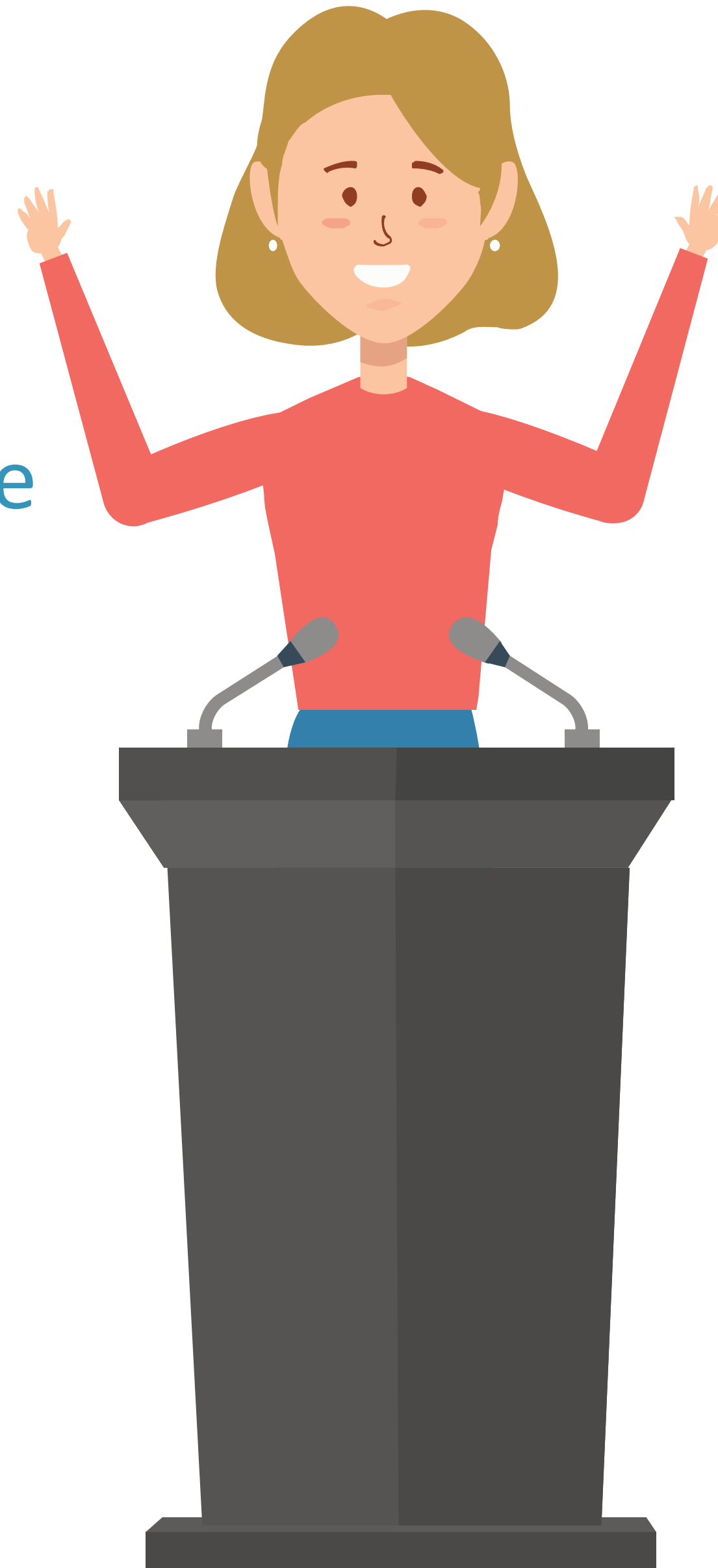
Now focused

Optimists

Want to be discovered

Confident

(OUR MATURE STUDENTS & ALUMN)



GEN Z

Tech Innate: 5 screens at once

Communicate with images

Creators and Collaborators

Future focused

Realists

Want to work for success

Competitive

(OUR CURRENT STUDENTS)

CATEGORY	BUILDERS	BABY BOOMERS	GENERATION X	GENERATION Y	GENERATION Z	GEN ALPHA
Slang terms	 <p>We prefer proper English if you please</p> <p>Born: < 1946 Age: 74+</p>	 <p>Be cool Peace Groovy Way out</p> <p>Born: 1946-1964 Age: 55-73</p>	 <p>Dude Ace Rad As if Wicked</p> <p>Born: 1965-1979 Age: 40-54</p>	 <p>Bling Funky Doh Foshizz Whassup?</p> <p>Born: 1980-1994 Age: 25-39</p>	 <p>🔥 Fam GOAT Slay Yass queen</p> <p>Born: 1995-2009 Age: 10-24</p>	 <p>lit yeet hundo oof rn idrc</p> <p>Born: 2010-2024 Age: under 10</p>
Social markers	World War II 1939-1945	Moon landing 1969	Stock market crash 1987	September 11 2001	GFC 2008	Trump / Brexit 2016
Iconic cars	 <p>Model T Ford Final, 1927</p>	 <p>Ford Mustang 1964</p>	 <p>Holden Commodore 1978</p>	 <p>Toyota Prius 1997</p>	 <p>Tesla Model S 2012</p>	 <p>Autonomous vehicles 2020s</p>
Iconic toys	 <p>Roller skates</p>	 <p>Frisbee</p>	 <p>Rubix cube</p>	 <p>BMX bike</p>	 <p>Folding scooter</p>	 <p>Fidget spinner</p>
Music devices	 <p>Record player LP, 1948</p>	 <p>Audio cassette 1962</p>	 <p>Walkman 1979</p>	 <p>iPod 2001</p>	 <p>Spotify 2008</p>	 <p>Smart speakers Now</p>
Leadership style	 <p>L - Leader l - New leaders</p> <p>Controlling</p>	 <p>Directing</p>	 <p>Coordinating</p>	 <p>Guiding</p>	 <p>Empowering</p>	 <p>Inspiring</p>
Ideal leader	Commander	Thinker	Doer	Supporter	Collaborator	Co-creator
Learning style	Formal	Structured	Participative	Interactive	Multi-modal	Virtual
Influence/advice	Officials	Experts	Practitioners	Peers	Forums	Chatbots
Marketing	Print (traditional)	Broadcast (mass)	Direct (targeted)	Online (linked)	Digital (social)	In situ (real-time)

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What are YOU doing to ensure that your learners are ready for emerging careers in your Institute?

 Mentimeter



END OF THE 18TH
CENTURY

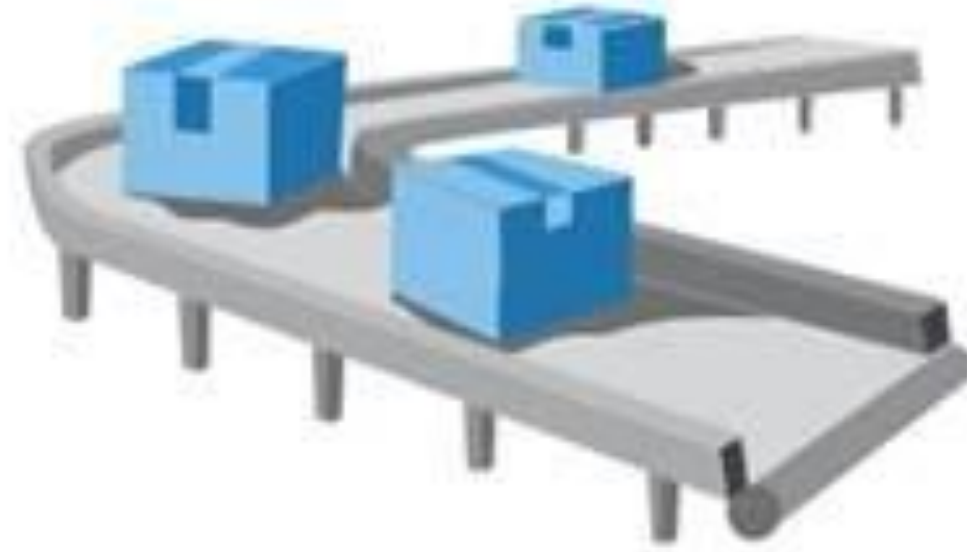


INDUSTRY 1.0 Mechanization

Introduced mechanization of production by using water and steam to increase production capacity and productivity, versus manual craft work

1784 First mechanical loom

START OF THE 20TH
CENTURY



INDUSTRY 2.0 Electrification

Introduced labor-based mass production (assembly lines) powered by electrical energy

1870 First production line, Cincinnati slaughterhouses

START OF THE
1970S



INDUSTRY 3.0 Automatization

Introduced electronics and computers to replace manual work by stand-alone robotic systems

1969 First programmable logic controller (PLC), Modicon 084

PRESENT



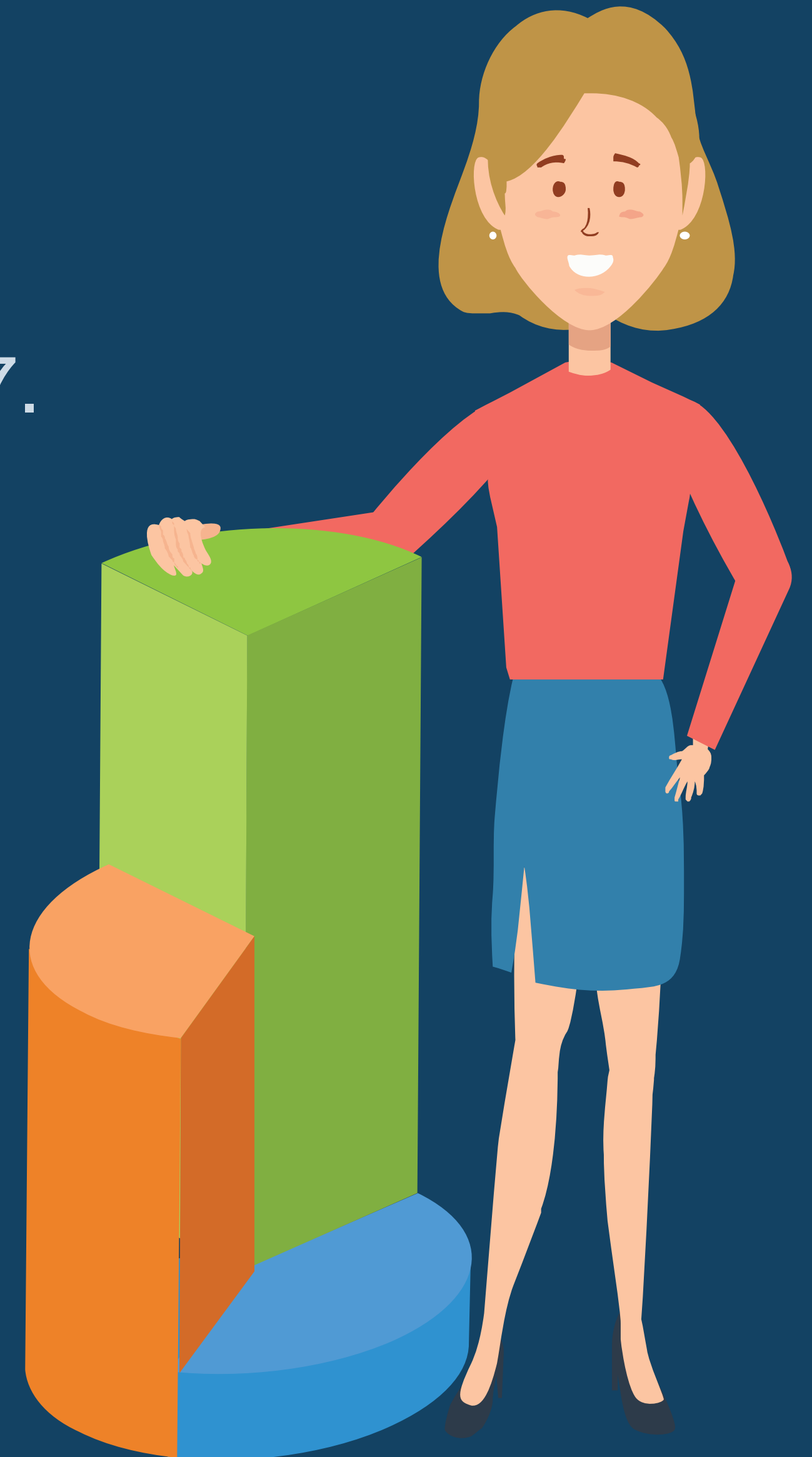
INDUSTRY 4.0 Cyber-Physical Systems

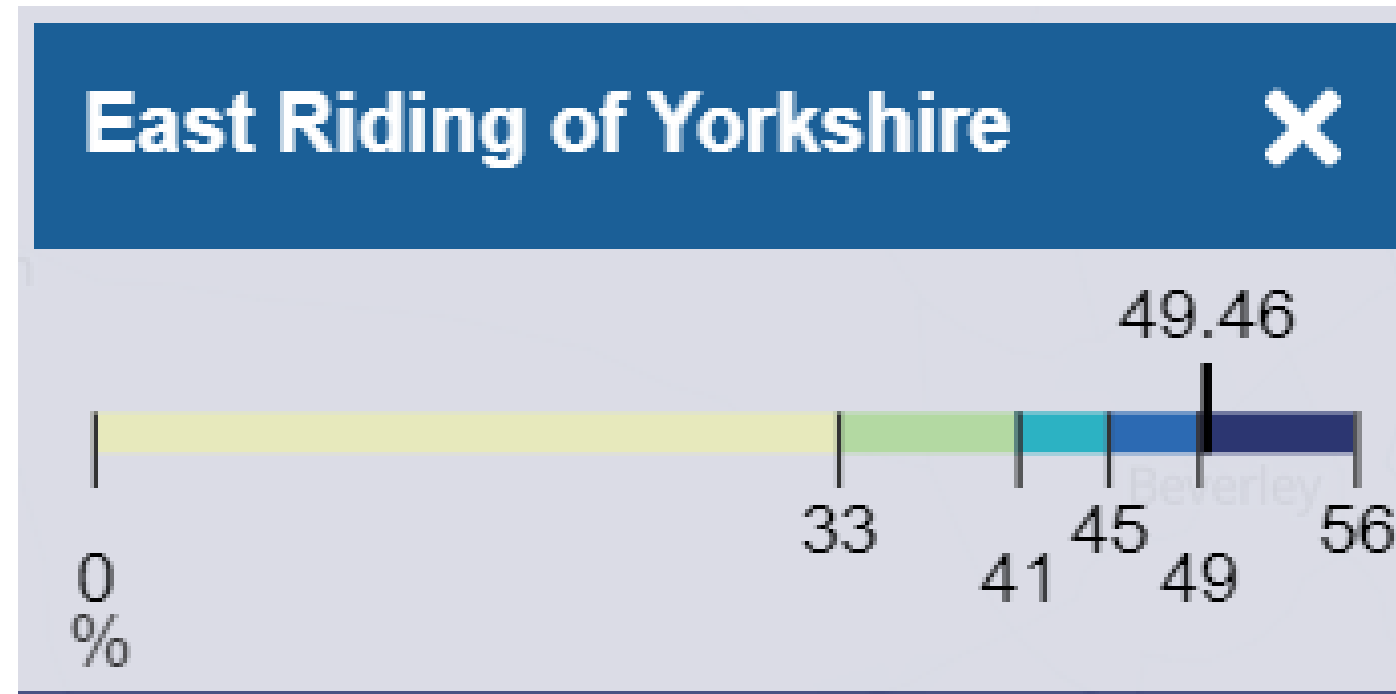
The convergence of physical, digital, and virtual environments through **Cyber-Physical Systems (CPS)** and the **Internet of Things (IoT)**

According to the World Economic Forum's
["The Future of Jobs Report 2023,"](#)

83 million current jobs may be displaced by
machines and algorithms between 2023 and 2027.

Yet, at the same time, the report predicts the
emergence of **69 million new jobs** based on
innovation and distinctly human traits.





Job landscape

By 2025, new jobs will emerge and others will be displaced by a shift in the division of labour between humans and machines, affecting:

97 million

Growing job demand:

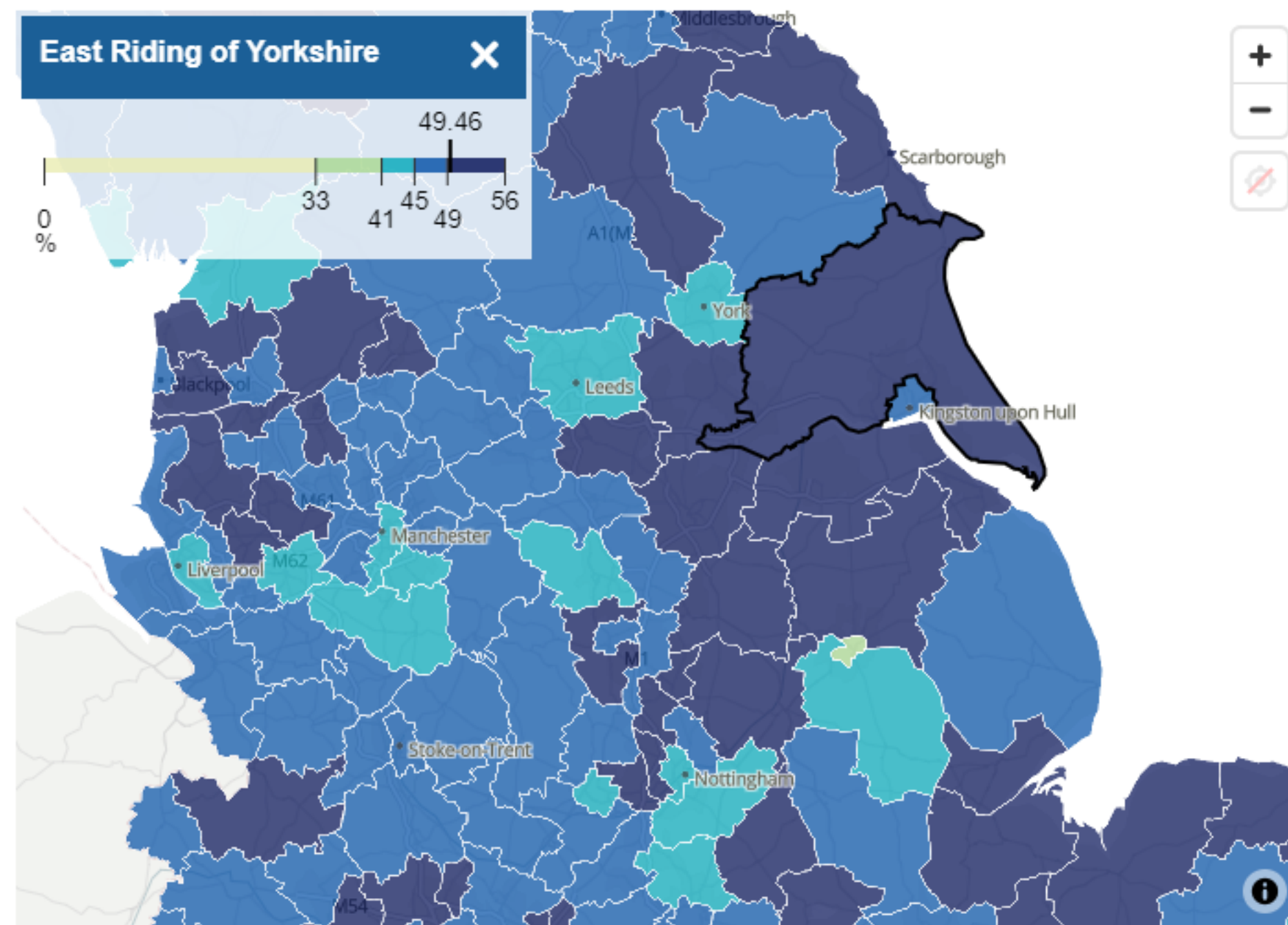
1. Data Analysts and Scientists
2. AI and Machine Learning Specialists
3. Big Data Specialists
4. Digital Marketing and Strategy Specialists
5. Process Automation Specialists
6. Business Development Professionals
7. Digital Transformation Specialists
8. Information Security Analysts
9. Software and Applications Developers
10. Internet of Things Specialists

Decreasing job demand:

1. Data Entry Clerks
2. Administrative and Executive Secretaries
3. Accounting, Bookkeeping and Payroll Clerks
4. Accountants and Auditors
5. Assembly and Factory Workers
6. Business Services and Administration Managers
7. Client Information and Customer Service Workers
8. General and Operations Managers
9. Mechanics and Machinery Repairers
10. Material-Recording and Stock-Keeping Clerks

85 million

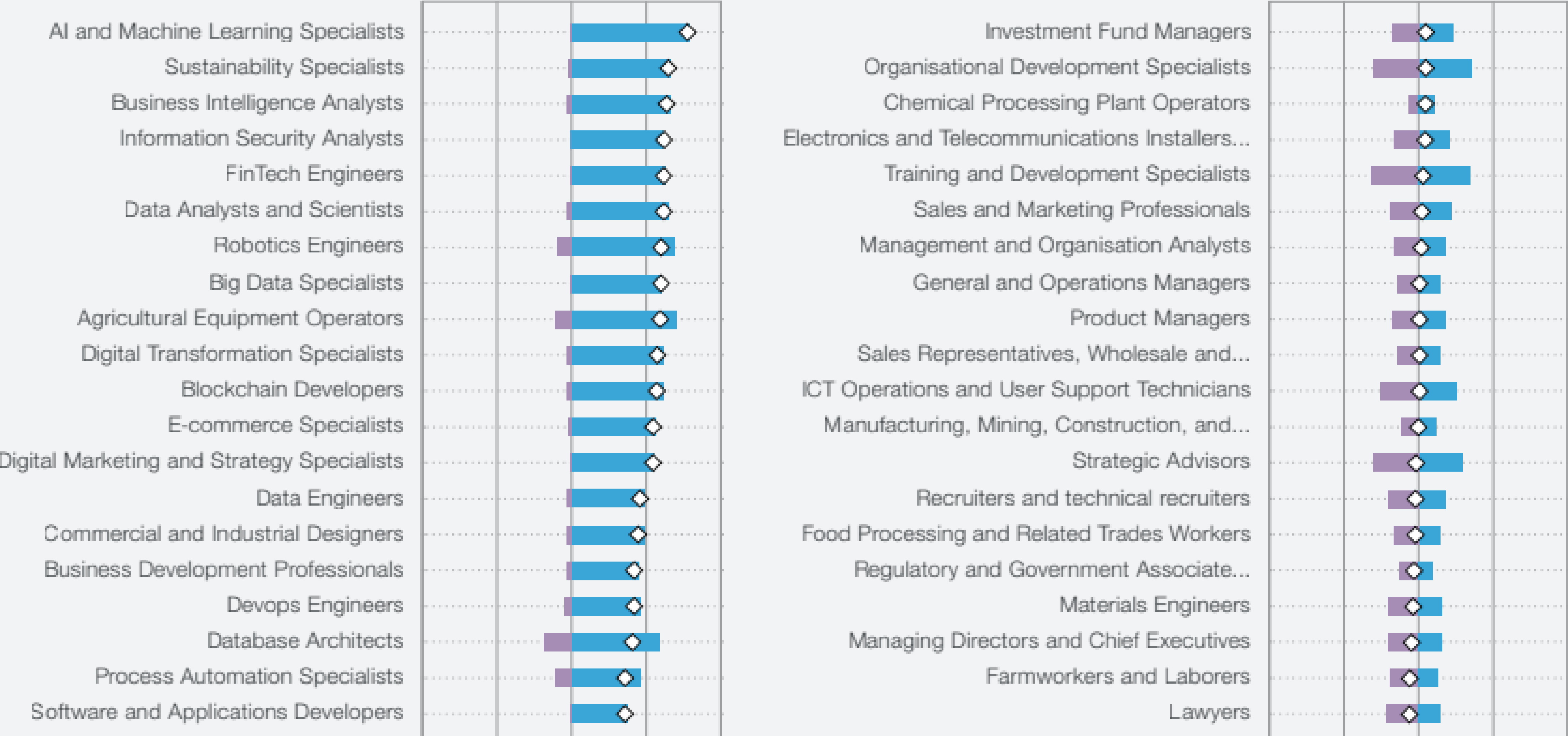
Discover the risk of automation for occupations where you work:



Source: Office for National Statistics.

FIGURE 3.3 **New jobs and lost jobs, 2023-2027**

Projected job creation (blue) and displacement (purple) between 2023 and 2027, as a fraction of current employment, for the global employee data set studied in this report. The projected net growth or decline for each occupation in the next five years (diamonds) calculated by subtracting the two fractions. The projected structural labour-market churn for each occupation in the next five years is the sum of the two fractions, and is indicated by the full width of the bars. Averaged across occupations, structural labour-market churn represents 23% of current employment.



Futurologists predict the most lucrative careers children should be aiming for today include:

Body part makers

Memory augmentation surgeon

Nano medics

Vertical farmers

Avatar manager

Haptic programmer

eSports coach

Cyber security expert

AR Journey builder

Robotics engineer

Agronomist

Waste data handlers



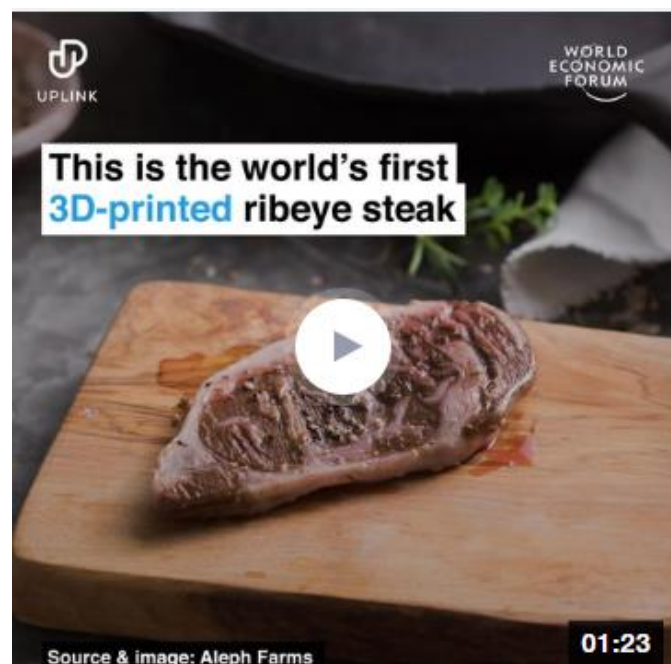
Vertical farming



LinkedIn: 12 Jobs You'll Be Recruiting for in 2030



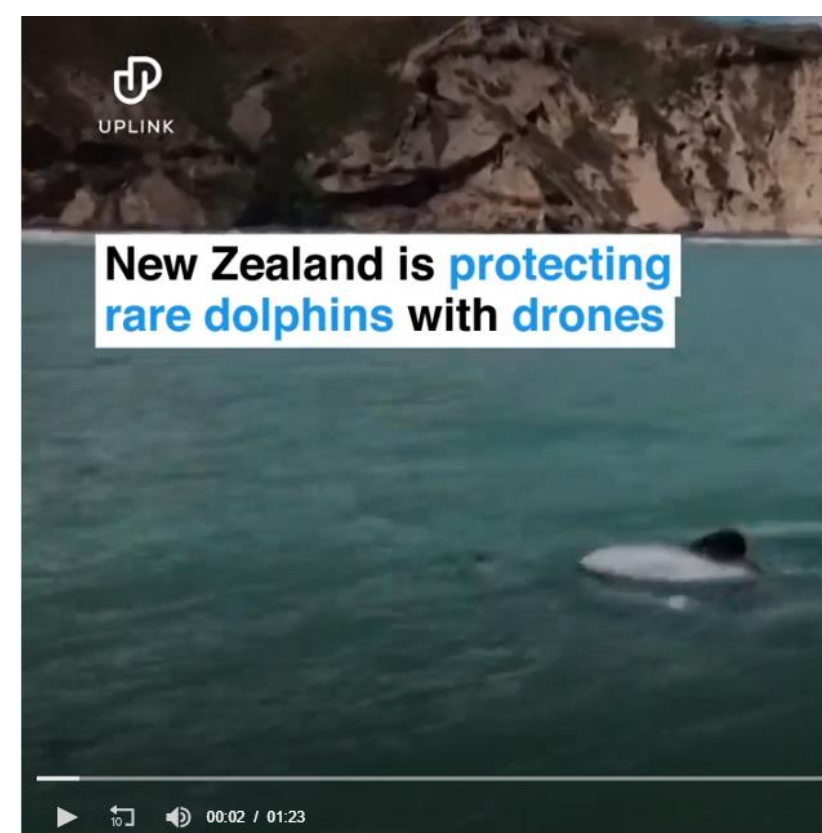
1. Organ Creator
2. Augmented-reality journey builder
3. Biofilms installer
4. Earthquake forecaster
5. Makeshift structure engineer
6. Rewilder
7. Human-machine teaming manager
8. Digital currency advisor
9. Drone traffic optimizer
10. Self-driving car mechanic
11. Agile supply chain worker
12. Trash engineer (aka, Garbage designer)



RMIT University is championing an amazing project to treat tumours and bone cancer using custom-made, 3D printed implants

The project – Just in Time Implants – combines 3D printing, robotic-assisted surgery and advanced manufacturing

#innovation #tech #3dprinting #robotics



The fastest growing occupations will require higher-level cognitive skills in areas such as:

PROBLEM SOLVING

CREATIVITY

CRITICAL THINKING

COMMUNICATION

DIGITAL SKILLS

COLLABORATION

GLOBAL CITIZENSHIP

ENVIRONMENTAL STEWARDSHIP

...and social emotional skills:

> SELF REGULATION

> SELF AWARENESS

> EMPATHY

> RELATIONSHIPS

> INITIATIVE

As educators
it is **OUR** duty,
and **OUR** responsibility

to provide opportunities that ensure our learners are
...future ready

*not just ready for
tomorrow, next month or next year.*

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What is your take away from this session?

